YNK-DBF No. 410 Dt. 31.3.15 1st & final

No.....

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Date.....

Division: BBMP / YNK Sub-Division: Yelahanka Sub – Division. SBR/No/209/14-15

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional Work Code: 002-15-000030. 30/3/15

Schedule Docket No. Head of Account: Est.Cost: 49.99 Lakhs B.R.No.:

Name of Work : Construction of drains, improvements to roads balance main and cross roads of susheelamma layout and Isaq layout in ward No- 02 of yelahanka Sub division

Name of Contractor and Full Address: **Technical Manager (West) KRIDL, BBMP, Bangalore.**

Reference to Agreement No. EE/YNK.D/ W.O/114/2014-15. Date: 23.3.15

Certified that the measurements were taken by me on 30/03/15 and recorded of Pages 1232 to 1235 measurement Book No. 10325 and that the work is satisfactorily executed.

997

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 30/3 and found correct. The work is satisfactorily executed.

Assistant Executive Engineer
Byalarayanapura Sub-division
KRIDL BBMP, Bangalore

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and that the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)-
Yelahanka, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount 4943176
   adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

SD	321319
ST	98865
EM	197730
LWF	49435
CAF	4945
LR	55824
TD	728106
DN	4215070
SW	4943176

Total amount adjusted

Contractor's Signature
Assistant Executive Engineer
Byalarayanapura Sub-division
KRIDL BBMP, Bangalore

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in Treasury)

Witness
1.
2.

Dated Signature of Contractor

Paid by me By Cheque No.....Dated.....
Cash Rs.....
Dated.....

Assistant Executive Engineer
Byalarayanapura Sub-division
KRIDL BBMP, Bangalore

Initials of Officer making payment

Stamp

4943176/-
4215070/-
728106/-

Executive Engineer

sl no	Description of work	Unit
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH chapter	Cum
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No,	cum
3	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpling turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 120 and KSRB M.100.4.1 coslof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	cum
4	Removing B.S Slab of Drain and stacking with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Sqm
5	Refixing stone slabs of drains and pointing in C.M (1:3) with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Sqm
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete Page No. 25/ Item No. 5.31.1/ PWD SR 2014-15	Sqm
7	KSRRB M300-53: construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	cum
8	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Cum
9	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplaslesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapels, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification, with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Cum
10	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3	Quintal
11	KSRB 4-5.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications.	sqm
12	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	sqm
13	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete, with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	Nos

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	751.10	75.60	56783.16	751.10	56783.16	
–	–	85.50	176.04	15051.42	85.50	15051.42	
–	–	836.60	79.10	66175.06	836.60	66175.06	
–	–	907.50	58.32	52925.40	907.50	52925.40	
–	–	907.50	75.60	68607.00	907.50	68607.00	
–	–	544.50	639.36	348131.52	544.50	348131.52	
–	–	94.50	220.32	20820.24	94.50	20820.24	
–	–	12.83	5064.12	64972.66	12.83	64972.66	
–	–	76.76	6065.28	465570.89	76.76	465570.89	
–	–	42.44	7254.80	307893.71	42.44	307893.71	
–	–	267	292.68	78145.56	267.00	78145.56	
–	–	520.00	993.60	516672.00	520.00	516672.00	
–	–	1244.44	304.56	379006.65	1244.44	379006.65	

sl no	Description of work	Unit
14	RCC Precast covering slab for drain (10cm thick) with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	sqm
15	KSRRB M400-6.1: construction of granular sub case providing close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A plant Mix methold, gradding I /with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	cum
16	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 405, No. 154, with all lead and lift etc complete as per specification and direction of engineer incharge of the work	cum
17	KSRRB M500-6: providing and applying primer coat with S.S bitumen emulsion on prepared surface of granular base such as WBM, WMM including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH specification NO. 502, No. with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	sqm
18	KSRRB 500-11: Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 / 75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack cost with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5, using 40/60 TPH capacity HMP with Mechanical Paver Gr -I (80 mm to 100mm) with 3.1% VG-30 Bitumen	cum
19	KSRRB 500-7: providing and applying tack coatusing 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding clearing of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5, with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	sqm
20	KSRRB M500-16: providing and laying Semidence bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 508 using 40-60 TPH capacity HMP with mechanical paver grading II (25-30mm) with 5% CRMB -55 grade, No. with all lead and lift etc complete as per specification and direction of engineer incharge of the work.	cum
		TOTAL

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Ramanjaneyulu

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	639.00	1498.00	957222.00	639.00	957222.00	
–	–	151.50	1391.84	210742.56	151.50	210742.56	
–	–	202.00	1438.65	290589.12	202.00	290589.12	
–	–	1010.00	35.21	35562.10	1010.00	35562.10	
–	–	35.00	6624.72	231865.20	35.00	231865.20	
–	–	1010.00	18.74	18927.40	1010.00	18927.40	
–	–	25.25	10871.28	274499.82	25.25	274499.82	
				4460163		4460163	
10% KRIDL Service Charge+ 1% labour cess				490618		490618	
Total				4950781		4950781	

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore